



Washington, D.C. 20505

29 JUN 1984

Mr. E. D. Cowell, Jr.  
Senior Energy Services Representative  
Virginia Electric & Power Co.  
907 W. Glebe Road  
Alexandria, Va 22314

As requested in the June 13th meeting, we have determined the recommended route of the cable duct which will carry the permanent 13.2KV cable from existing number one transformer, into the new incoming switchgear that will be installed in the Power Plant during its refurbishing.

The attached sketch shows the route to by-pass the present 13.2KV switchgear by passing under the existing ducts that carry the "A" and "B" cables of circuits number 3, 4, 8, 9, 6, and 5, in that order. The new duct will be required to be approximately five feet deep to clear the approximately three foot deep existing duct.

Since the 13.2KV cable from future transformer number two will share this duct bank as shown, we shall need you to inform us of the exact location of that transformer, its secondary tower, and other pole locations, so that final dimensions may be established by Smith, Hinchman and Grylls, our Architect and Engineering contractor.

We have also determined that the 4.16KV system grounding resistor structure will remain in its present location.

Sincerely

Chief, Headquarters Engineering  
Branch, E&CB/HOME/OL

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